



CUSTOMER/FACILITY INFORMATION		PETROTEST INC. INFORMATION	
CUSTOMER NAME:	Kasdy A. Dawoud (David Kasdy)	COMPANY ADDRESS:	7 Dawn Road
LOCATION NAME:	Peace and Plenty Mart		Benson, NC 27504
SITE ADDRESS:	3560 Highway 43 North	COMPANY PHONE:	(919)902-3794
CITY/STATE/ZIP:	Vanceboro, NC 28586	TECHNICIAN:	Matthew B. Jenkins
SITE ID#	Craven County	ESTABROOKs CERTIFICATION#	46-9587
FACILITY ID#	00-0-0000036172	PO/JOB/WORK ORDER#	N/A

LINE TIGHTNESS TESTING

EZY Chek Product Line Tester

Certification: Leak rate of 0.1 gph with PD= 99.8% and PFA = 0.2%.

Leak Threshold: 0.05 gph A pipeline system should not be declared tight if the test result indicates a loss that equals or exceeds this threshold.

Flexible Pipeline Capacity: Maximum of 101 gallons **Rigid Pipeline Capacity:** Maximum of 426 gallons.

Testing should be conducted according to the attached EstaBrook's EZY-Chek Manual Line Leak Detector Line Tightness Test Method for Flexible and Rigid Pipelines

Line Test Data	Line 1	Line 2	Line 3	Line 4	Line 5
Product	Unleaded	Premium			
Unique Tank ID	1	2			
Line Type	Pressure	Pressure			
STP Type	FE Petro	FE Petro			
Piping Material	DW Flex	DW Flex			
# of Connected Dispensers	2	2			
# of Flex connectors	0	0			
Approx Elevation Differ ALLD & Dispenser	17.0"	15.0"			
Pipe Diameter (in.)	2.0	2.0			
Length of Pipe (in.)	756	756			
Line Size (gal)	10.28	10.28			
Isolation Device	Ball Valve	Ball Valve			
Test Pressure (PSIG)	50	50			

Product Line Testing Data Collection Protocol

Product: Unleaded			Tank ID: 1		
Time	Data/Reading	+/-	GPL	Result	GPH
9:46am	82	0	0.0037	0.00	0.00
10:01am	82	0	0.0037	0.00	0.00
10:16am	82	0	0.0037	0.00	0.00
			0.0037		
			0.0037		

Final Result: Pass

Product: Premium			Tank ID: 2		
Time	Data/Reading	+/-	GPL	Result	GPH
9:46am	76	0	0.0037	0.00	0.00
10:01am	76	0	0.0037	0.00	0.00
10:16am	76	0	0.0037	0.00	0.00
			0.0037		
			0.0037		

Final Result: Pass

Product:			Tank ID:		
Time	Data/Reading	+/-	GPL	Result	GPH
			0.0037		
			0.0037		
			0.0037		
			0.0037		
			0.0037		

Final Result:

Product:			Tank ID:		
Time	Data/Reading	+/-	GPL	Result	GPH
			0.0037		
			0.0037		
			0.0037		
			0.0037		
			0.0037		

Final Result:

Product:			Tank ID:		
Time	Data/Reading	+/-	GPL	Result	GPH
			0.0037		
			0.0037		
			0.0037		
			0.0037		
			0.0037		

Final Result:

Technician Signature

I hereby certify that all the information contained in this report is true, accurate, and in full compliance with legal requirements, and that the test was conducted according to the protocol of the test method used.

Technician Name	Matthew B. Jenkins	Date	03/10/2020
Technician Signature	<i>Matthew B. Jenkins</i>		

Comments and Problems Summary

TEST PERFORMED PRODUCT, TANK, OR DISPENSER	NOTES
Lines	2.0" Green Double Wall Environ Geoflex
Containment Sumps	Green Environ

Parts Replacement

DESCRIPTION	PART NUMBER	PRODUCT	REASON

EZY-Chek Manual Line Leak Detector (for Flexible Pipelines)

LINE TIGHTNESS TEST METHOD

Certification	Leak rate of 0.1 gph with PD = 99.8% and PFA = 0.2%.
Leak Threshold	0.05 gph. A pipeline system should not be declared tight if the test result indicates a loss that equals or exceeds this threshold.
Applicability	Gasoline, diesel, aviation fuel, fuel oil #4. Other liquids may be tested after consultation with the manufacturer.
Specification	System tests flexible pipelines. Tests are conducted at 150% operating pressure. Mechanical line leak detector must be removed or manually isolated from pipeline for duration of test, or if testing is to be conducted with mechanical line leak detector in place, check valve in pump must be manually closed.
Pipeline Capacity	Maximum of 101 gallons (example: 275 feet of 3 inch line).
Waiting Time	None between delivery and testing. None between dispensing and testing.
Test Period	Under ideal conditions, 30 minutes; actual test time will depend on line size and temperature conditions at the site. Data are collected every 15 minutes. Three consecutive consistent readings are required for a valid test. Data from the evaluation suggests that the actual minimum test time for a line this size is 2 hours. Test data are acquired and recorded manually. Manual calculations performed by the operator on site.
Calibration	No temperature sensors used. No calibration required. System must be checked annually in accordance with manufacturer's instructions. Technicians must be certified by the manufacturer prior to using this equipment, and recertified every two years.

Estabrook EZY CHEK Systems
1505 Woodside Ave.
Essexville, MI 48732
Tel: (989) 891-9868
E-mail: sales@ezychek.com
URL: www.ezychek.com

Evaluator: Ken Wilcox Associates
Tel: (816) 443-2494
Dates of Evaluations: 07/09/92, 09/05/06

EZY-Chek Manual Line Leak Detector (for Rigid Pipelines)

LINE TIGHTNESS TEST METHOD

Certification	Leak rate of 0.1 gph with PD = 98.0% and PFA = 1%.
Leak Threshold	0.05 gph. A pipeline system should not be declared tight if the test result indicates a loss that equals or exceeds this threshold.
Applicability	Gasoline, diesel, aviation fuel, fuel oil #4. Other liquids may be tested after consultation with the manufacturer.
Specification	System tests fiberglass and steel pipelines. Tests are conducted at 150% operating pressure. Mechanical line leak detector must be removed or manually isolated from pipeline for duration of test, or if testing is to be conducted with mechanical line leak detector in place, check valve in pump must be manually closed.
Pipeline Capacity	Maximum of 426 gallons.
Waiting Time	None between delivery and testing. None between dispensing and testing.
Test Period	Under ideal conditions, 30 minutes; actual test time will depend on line size and temperature conditions at the site. Data are collected every 15 minutes. Three consecutive consistent readings are required for a valid test, with the first reading taken at zero time. Test data are acquired and recorded manually. Manual calculations performed by the operator on site.
Calibration	No temperature sensors used. No calibration required. System must be checked annually in accordance with manufacturer's instructions. Technicians must be certified by the manufacturer prior to using this equipment and recertified every two years.

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